

2021.08.12 14:00:00



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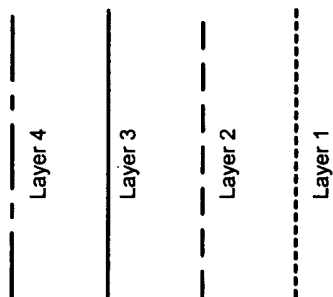
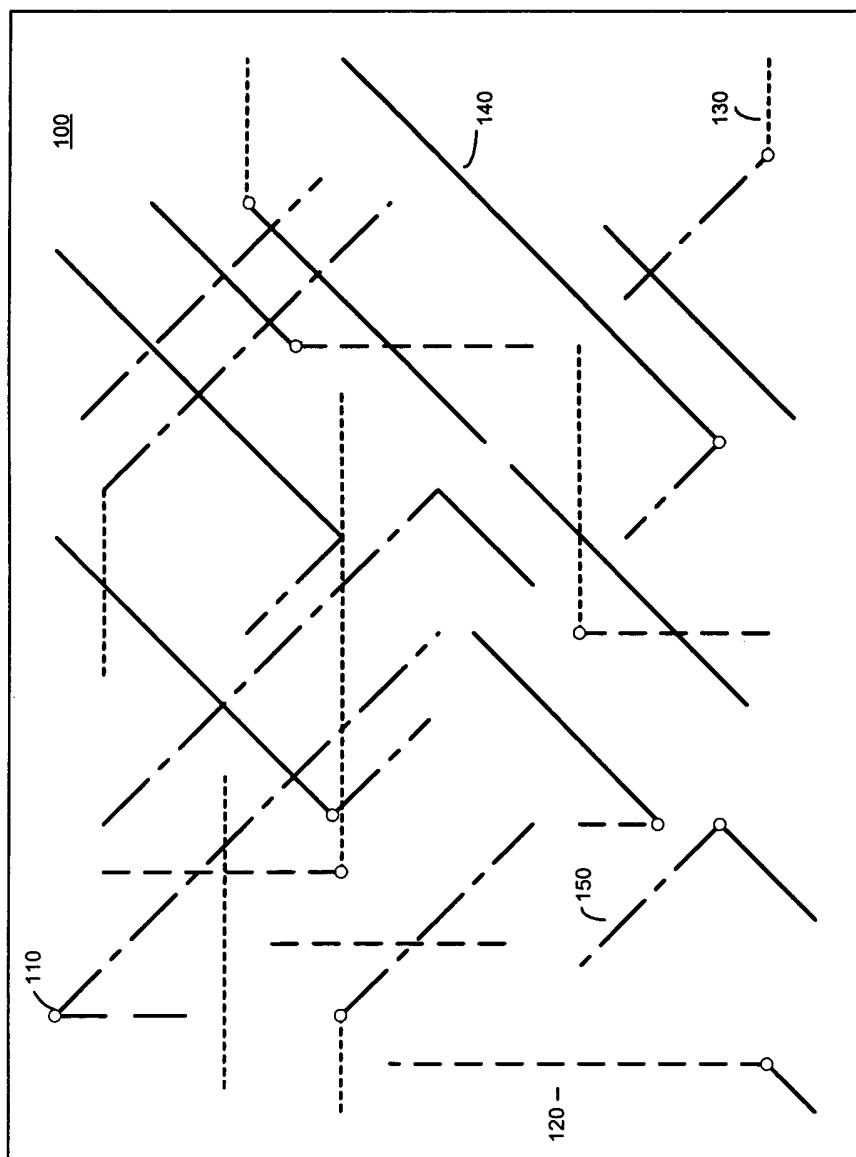


Figure 1a



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2021310-EMERSON

IC (Top View)

155

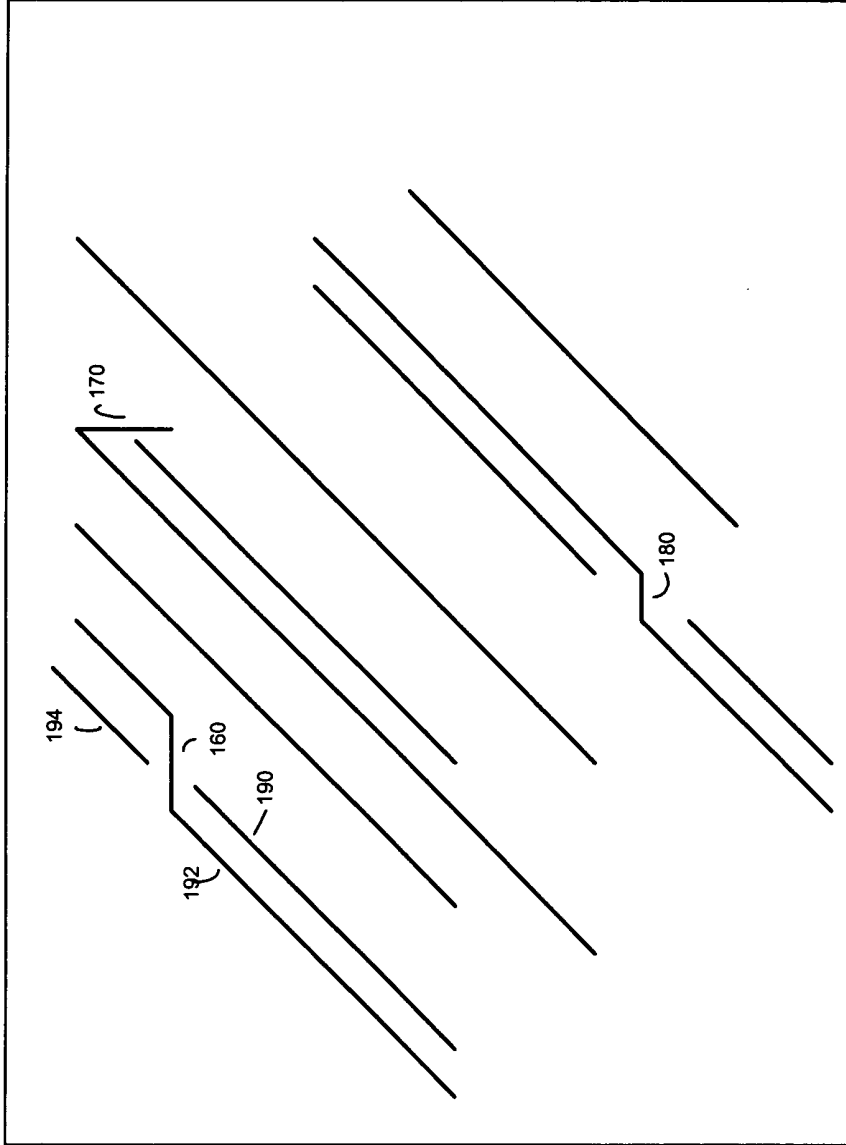
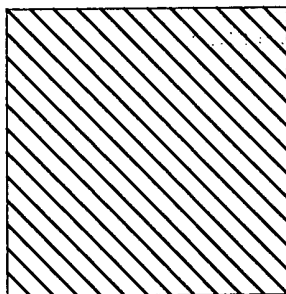


Figure 1b

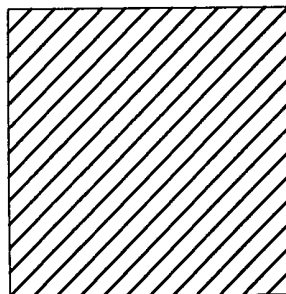


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Layer "n+1"

Octalinear (-45 Deg.)



Layer "n"

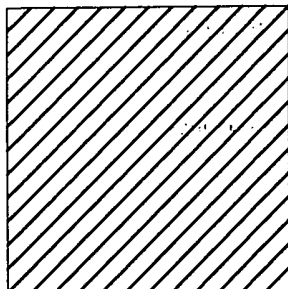
Octalinear (+45 Deg.)

**Figure 2a**

202730-15224001

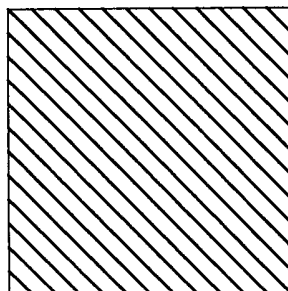


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Layer "n+1"

Octalinear (+45 Deg.)



Layer n

Octalinear (-45 Deg.)

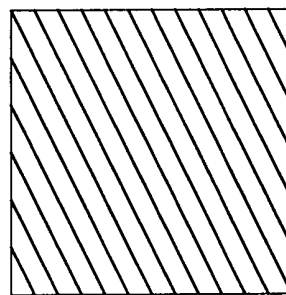
**Figure 2b**

20220801 14:33:40



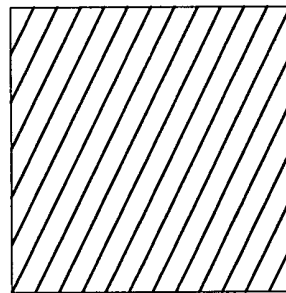
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202130-2331001



(-60 Degrees)

Layer "n+1"



(+60 Degrees)

Layer "n"

**Figure 3a**





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202130-1-00001

Manhattan' (Layer m)

Manhattan (Layer m-1)

Octalinear' (Layer n)

Octalinear (Layer n-1)

Hexalinear' (Layer k)

Hexalinear (Layer k-1)

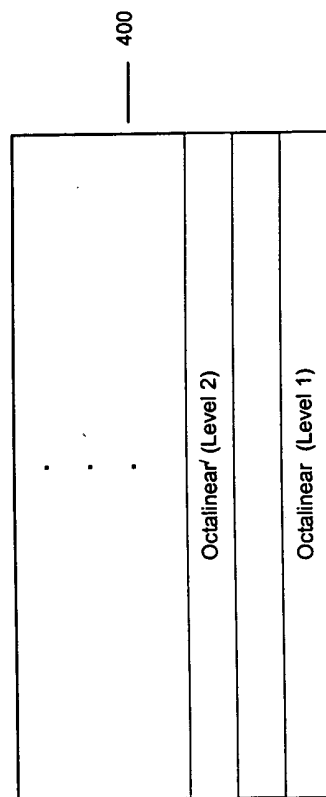


Figure 4a



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202130-EMBL-400F

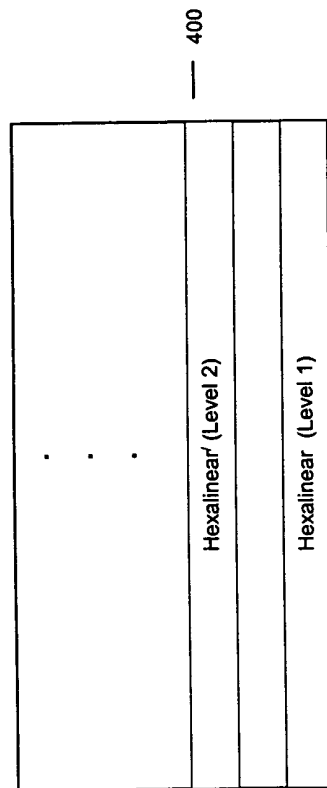
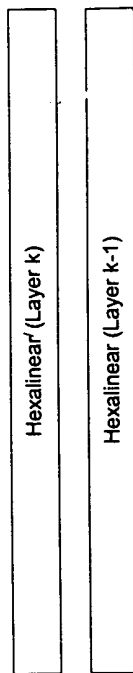
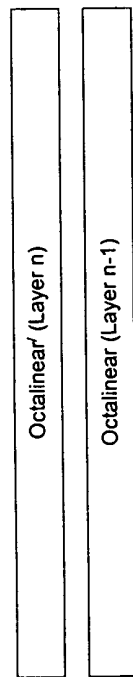
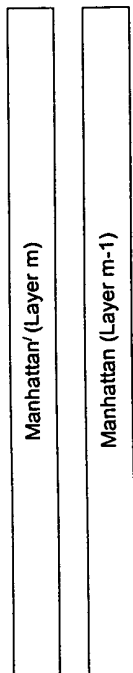


Figure 4b





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20020812-2334001

500

Octalinear' Layer 5
Octalinear Layer 4
Manhattan Layer 3
Manhattan' Layer 2
Manhattan Layer 1

Figure 5a



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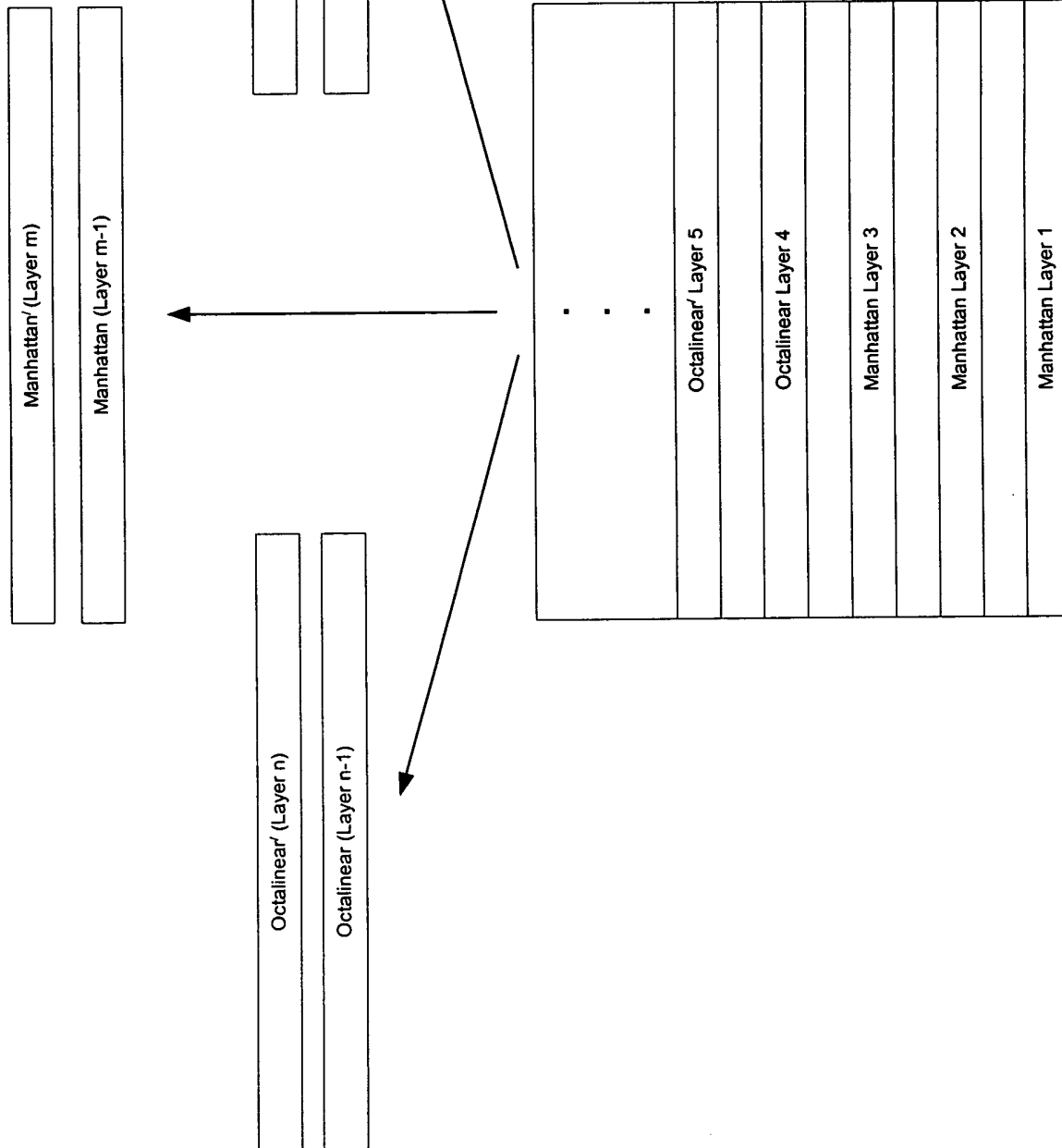
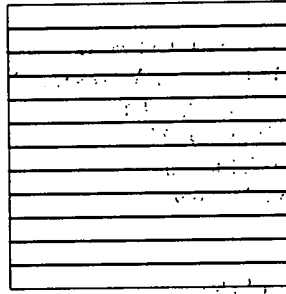


Figure 5b

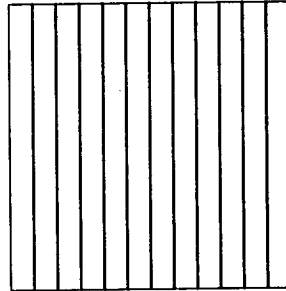


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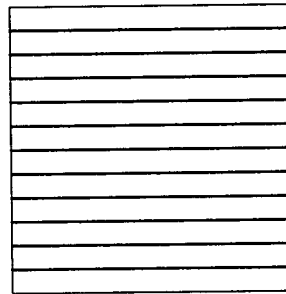
Layer 3

Horizontal



Layer 2

Vertical



Layer 1

Horizontal

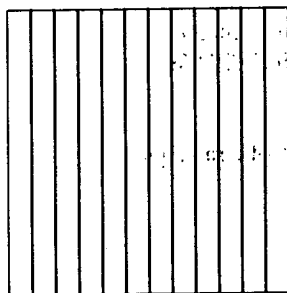
**Figure 6a**

202180-6224001



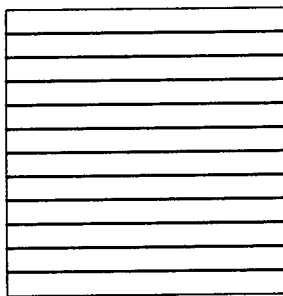
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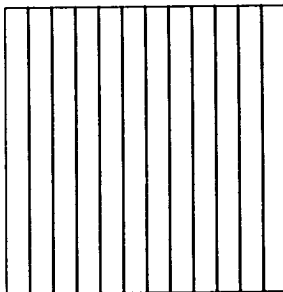
Layer 3

Vertical



Layer 2

Horizontal



Layer 1

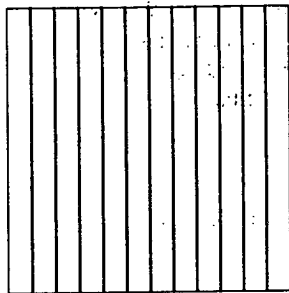
Vertical

**Figure 6b**



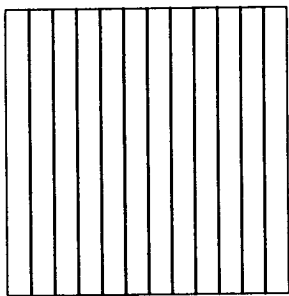
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202100-133400



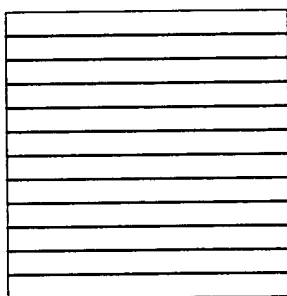
Layer 3

Vertical



Layer 2

Vertical



Layer 1

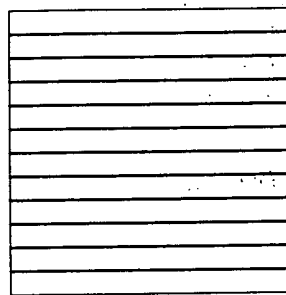
Horizontal

**Figure 6c**



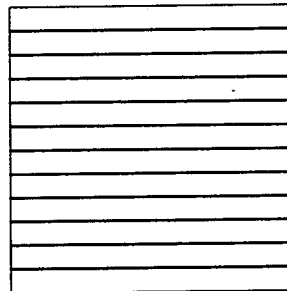
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2002130-222-1001



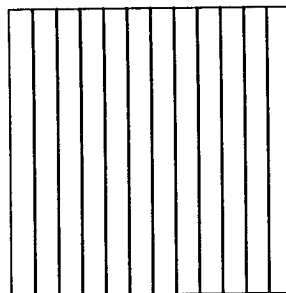
Layer 3

Horizontal



Layer 2

Horizontal



Layer 1

Vertical

**Figure 6d**



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20220307-0334007

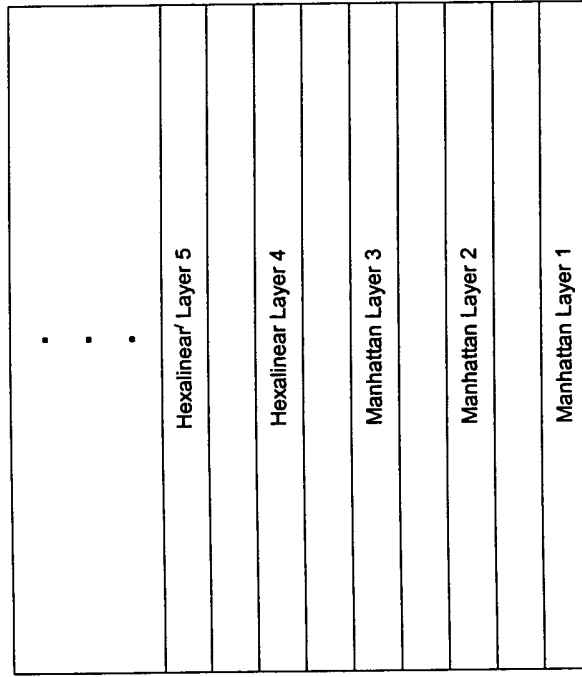
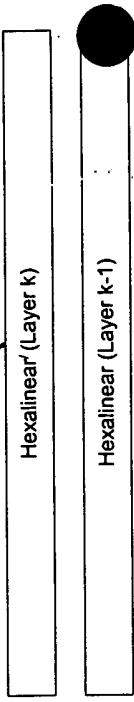
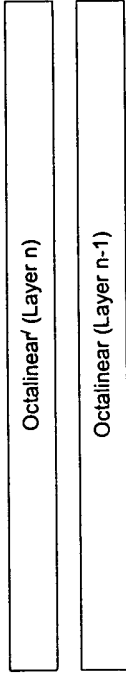
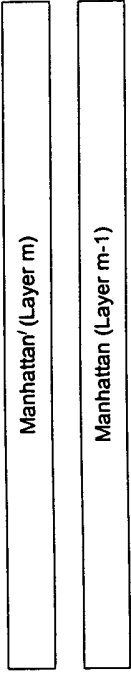


Figure 7



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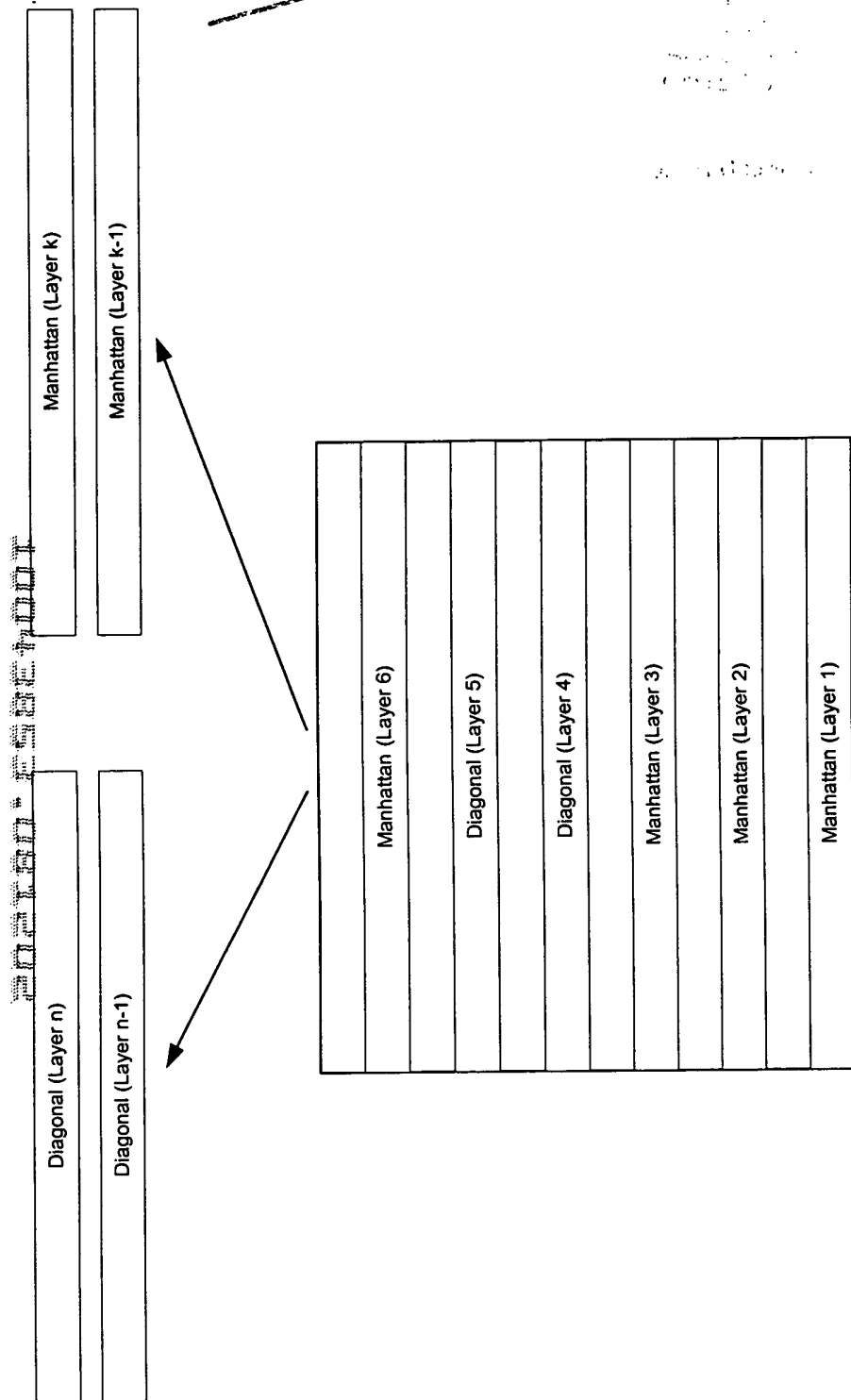


Figure 8





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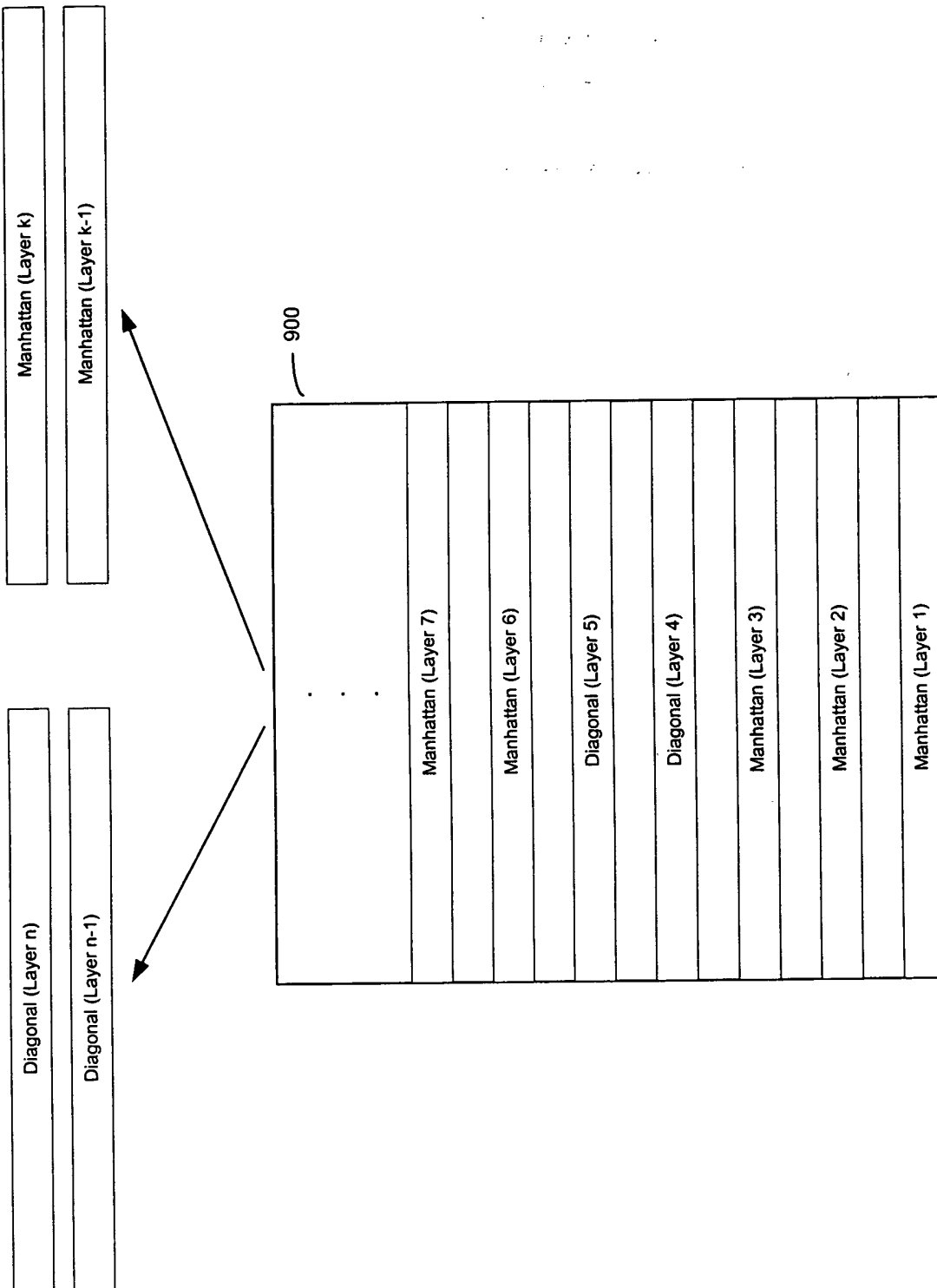


Figure 9

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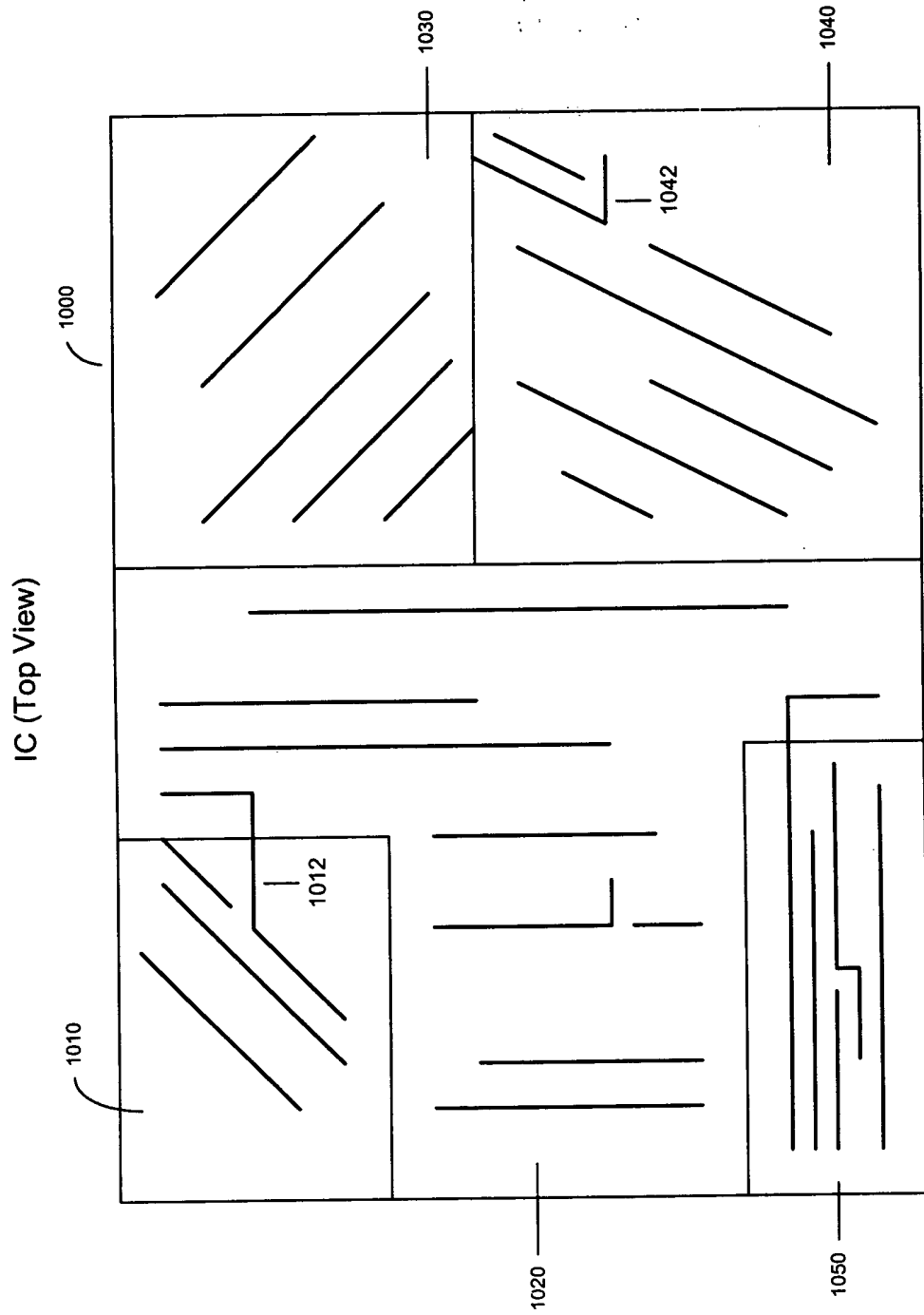


Figure 10



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IC (Top View)

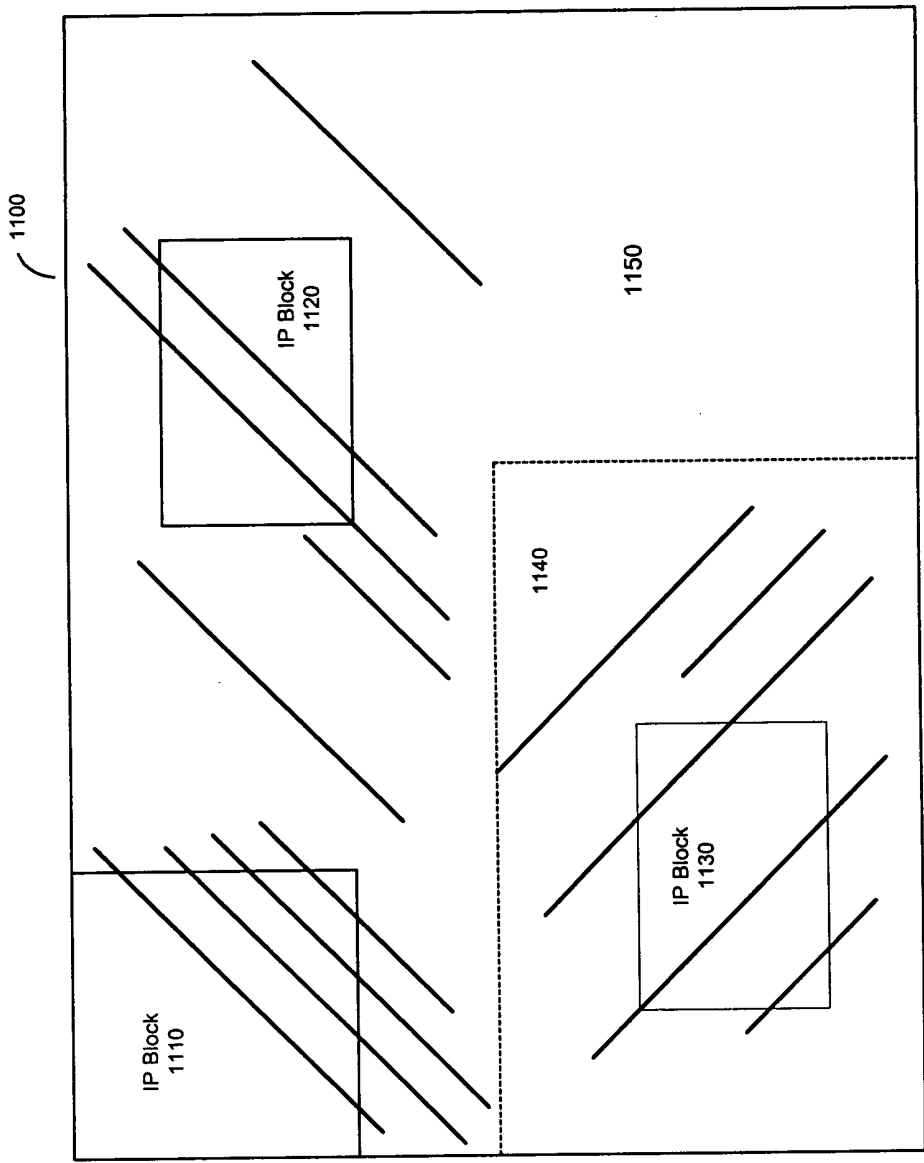


Figure 11



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2002 F 30 - 253 E 4001

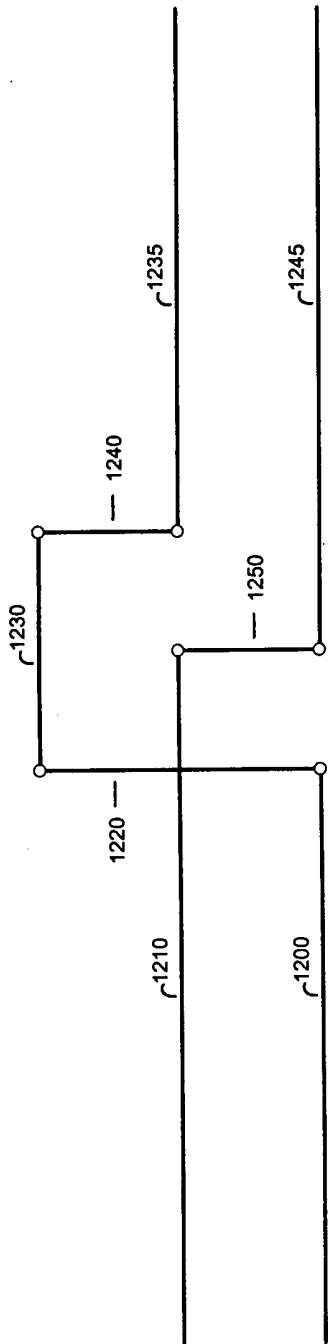


Figure 12a

Prior Art

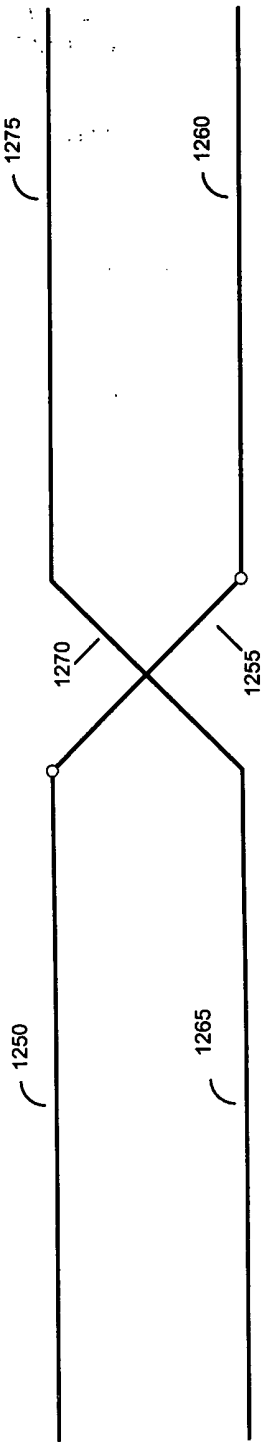


Figure 12b



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Metal Layers Side View

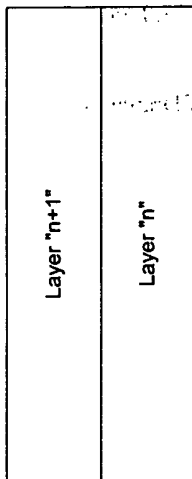
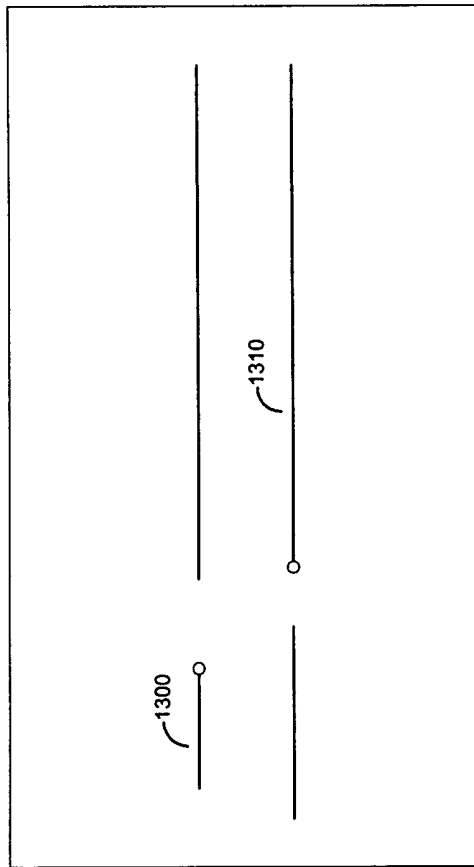
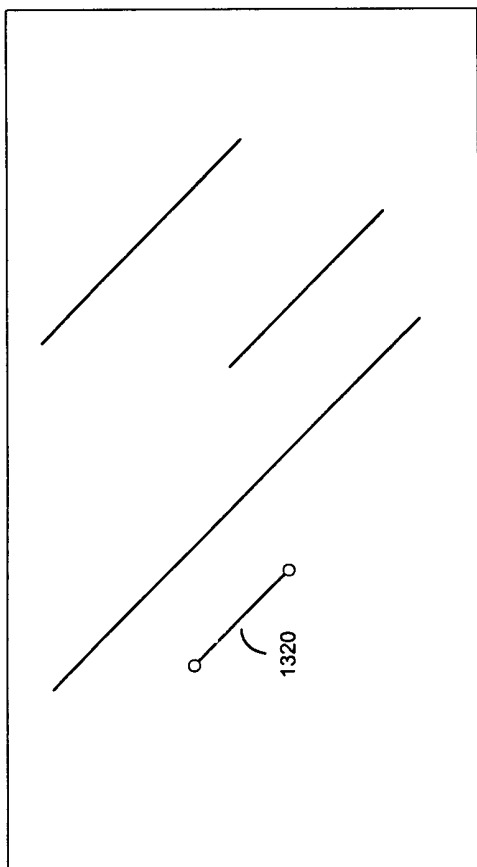


Figure 13

Layer "n+1" (Top View)

Layer "n" (Top View)



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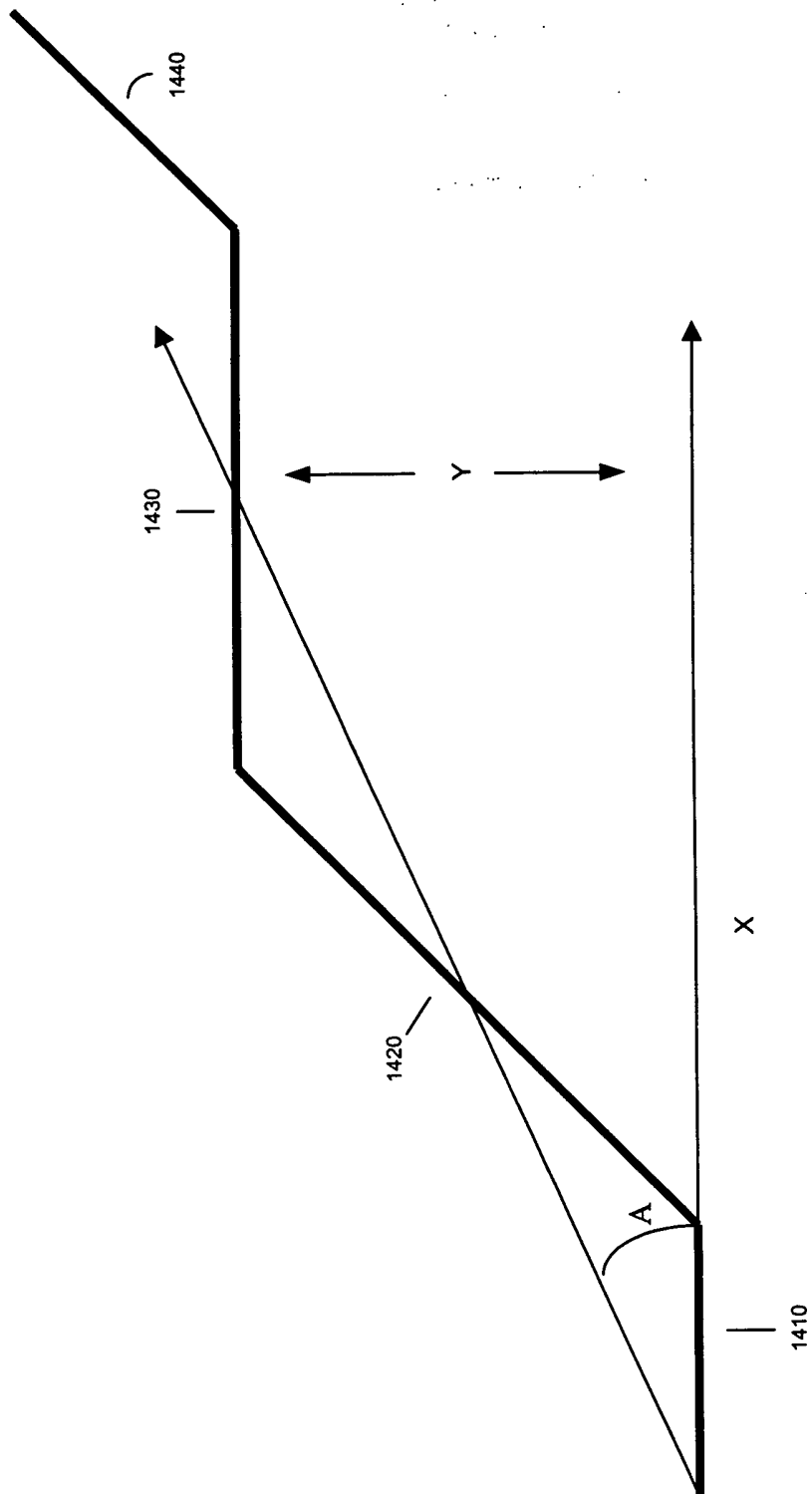


Figure 14



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20540

20230-258400

IC (Top View)

1500

1520

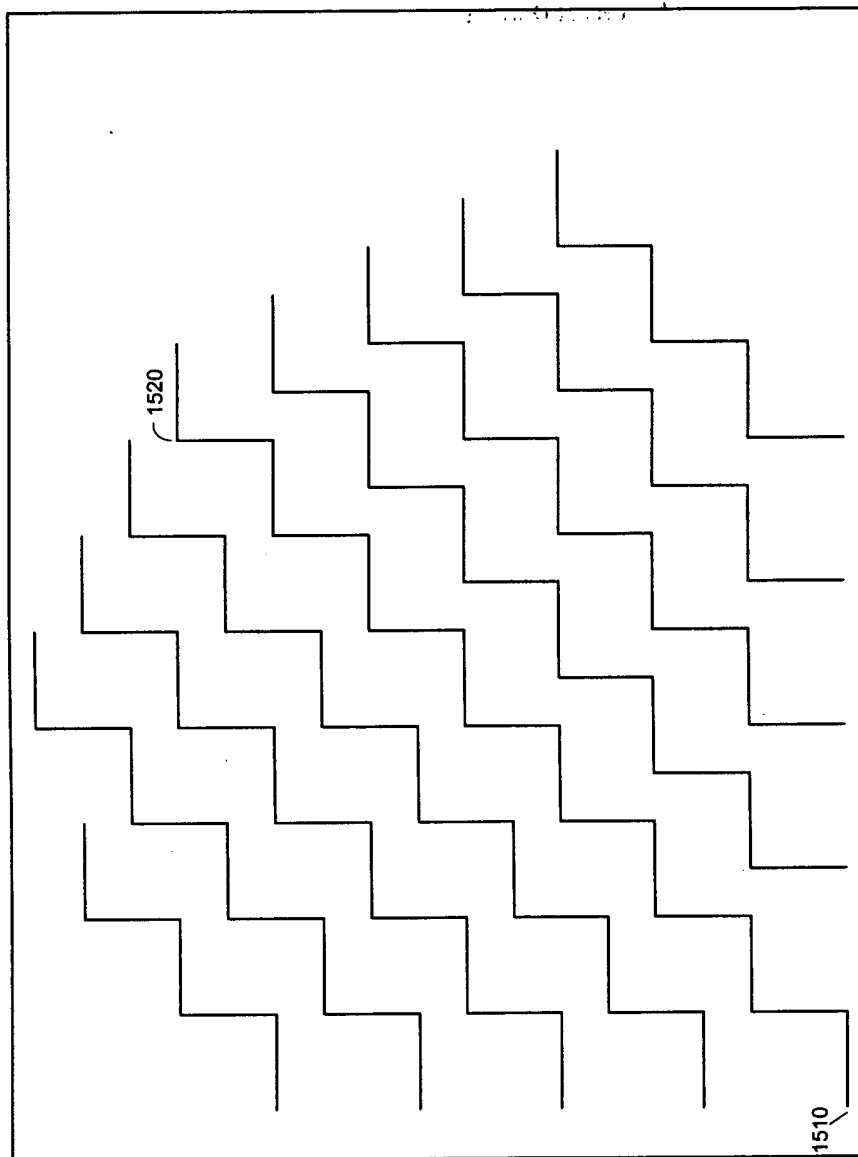


Figure 15



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202130-1666700T  
IC (Top View)

1600

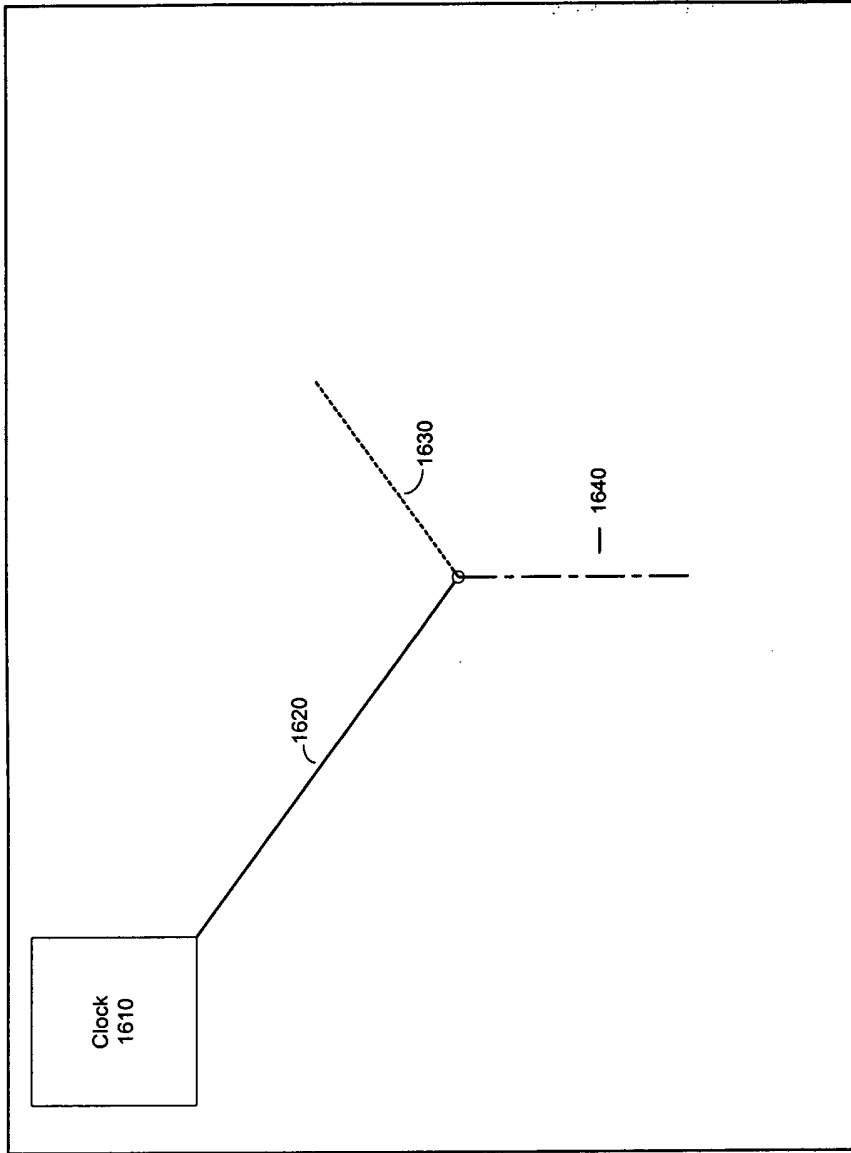


Figure 16